

WHAT IS CLAIMED IS:

1. An adapter for test equipment, the adapter comprising:

a positive connector for making electrical connection with a first telecommunications line;

a positive lead connected to said positive connector;

a negative connector for making electrical connection with a second telecommunications line;

a negative lead connected to said negative connector;

a low pass filter connected to said positive lead and negative lead;

a positive butt-set connection connected to said low pass filter; and

a negative butt-set connection connected to said low pass filter.

2. The adapter of claim 1 wherein:

said low pass filter is an inductor-capacitor filter.

3. The adapter of claim 2 wherein:

said low pass filter includes:

a first inductor in series with said positive lead and said positive butt-set connection;

a second inductor in series with said negative lead and said negative butt-set connection; and

a capacitor in parallel with said positive lead and said negative lead.

4. The adapter of claim 2 wherein:

said low pass filter includes:

a first inductor in series with said positive lead and said positive butt-set connection;

a second inductor in series with said negative lead and said negative butt-set connection; and

a capacitor connected to said positive lead.

5. The adapter of claim 4 wherein:

said low pass filter further includes a second capacitor connected to said negative lead.

6. The adapter of claim 1 further comprising:

a visual indicator connected to said low pass filter providing a visual indication of high frequency signals dissipated through said low pass filter.

7. The adapter of claim 1 further comprising:

said low pass filter includes:

a first inductor in series with said positive lead and said positive butt-set connection;

a second inductor in series with said negative lead and said negative butt-set connection; and

a capacitor connected to said positive lead;

a second capacitor connected to said negative lead;

a resistor connected to said capacitor;

a second resistor connected to said second capacitor;

a visual indicator connected to said resistor and said second resistor.

8. The adapter of claim 7 wherein:

said visual indicator is a light emitting diode.

9. The adapter of claim 1 wherein:

said positive connector and said negative connector are clips.